

# MULTI-FUNCTIONAL VIBRATING ACTUATOR

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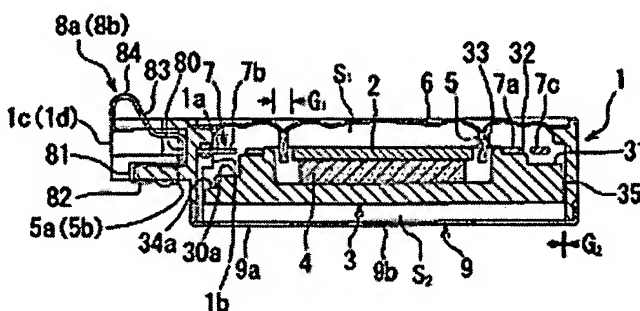
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## Abstract of WO03057375

The outer surface 35 of a yoke 3 is brought closer to the inner side surface of a housing 1 to adjust the clearance  $G_2$ , thereby adjusting the rate of movement of air through the clearance  $G_2$ . Thereby, a vibration characteristic for a wide frequency band can be obtained, thus improving the stability and utility of the bodily sensation vibration characteristics of the multi-functional vibrating actuator.

The outer surface (35) of a yoke (3) is brought closer to the inner side surface of a housing (1) to adjust the clearance ( $G_2$ ), thereby adjusting the rate of movement of air through the clearance ( $G_2$ ). Thereby, a vibration characteristic for a wide frequency band can be obtained, thus improving the stability and utility of the bodily sensation vibration characteristics of the multi-functional vibrating actuator.



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